

Omni 845Mhz Antenna

MODEL: TH-845

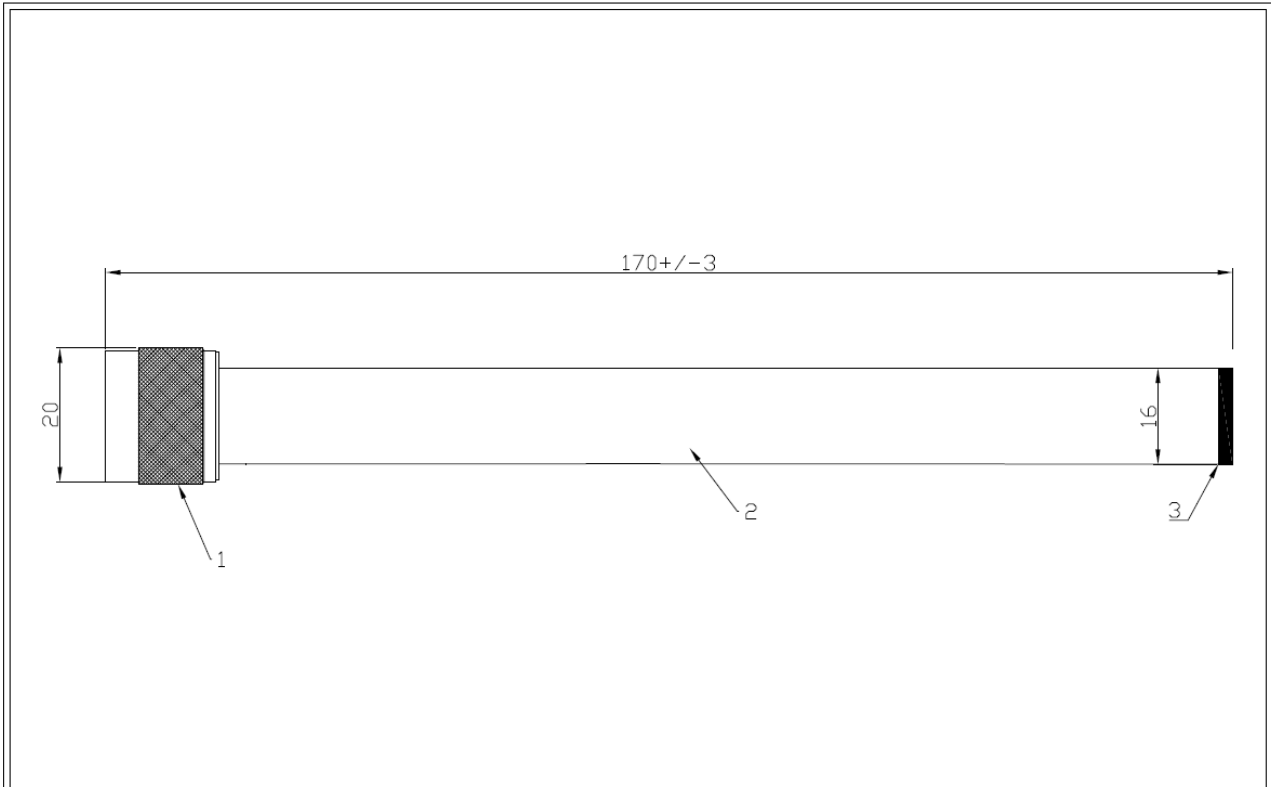


1. Electrical Properties

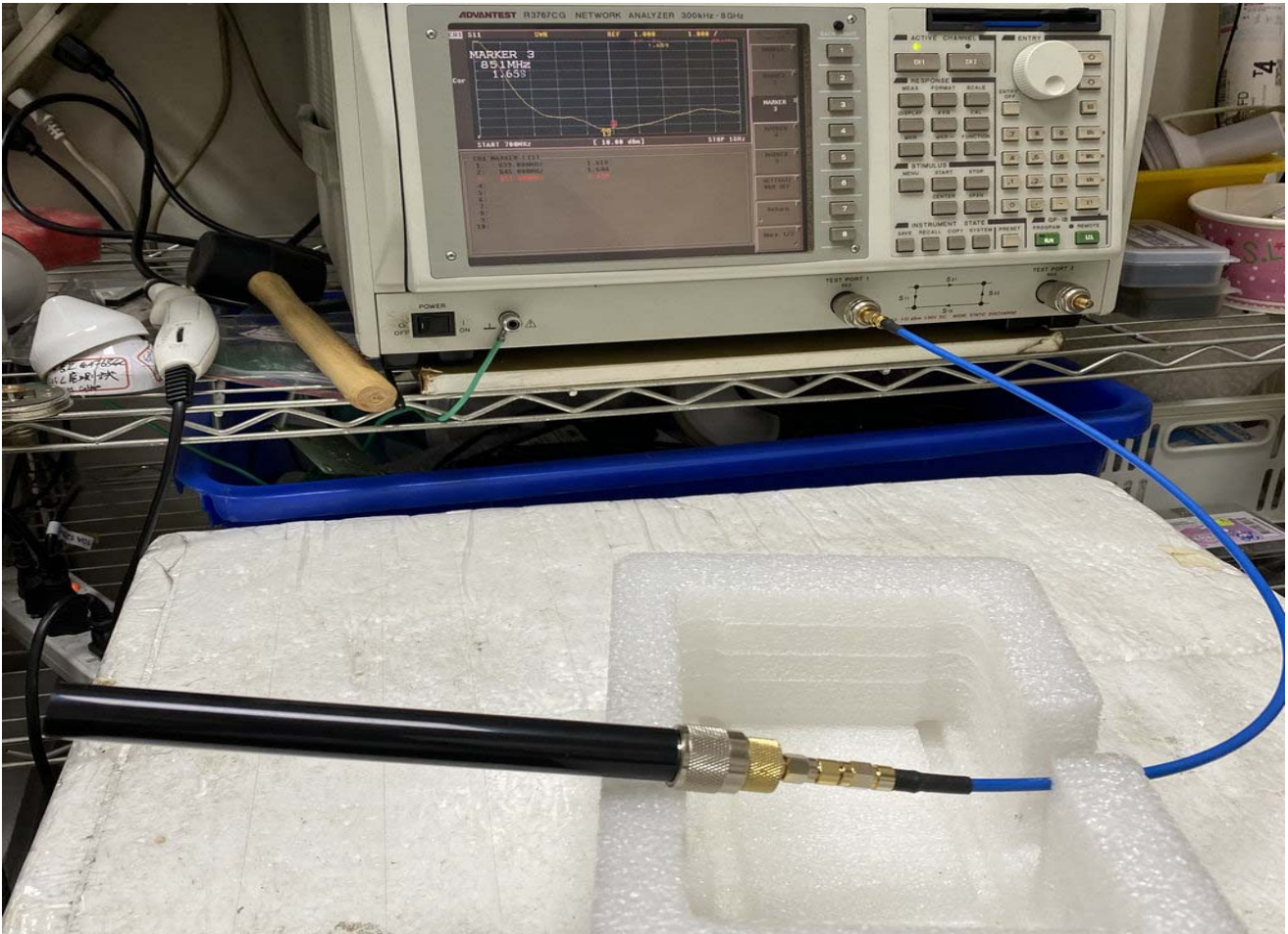
Parameter	Description
Frequency Band	839-851Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Antenna Peak Gain	

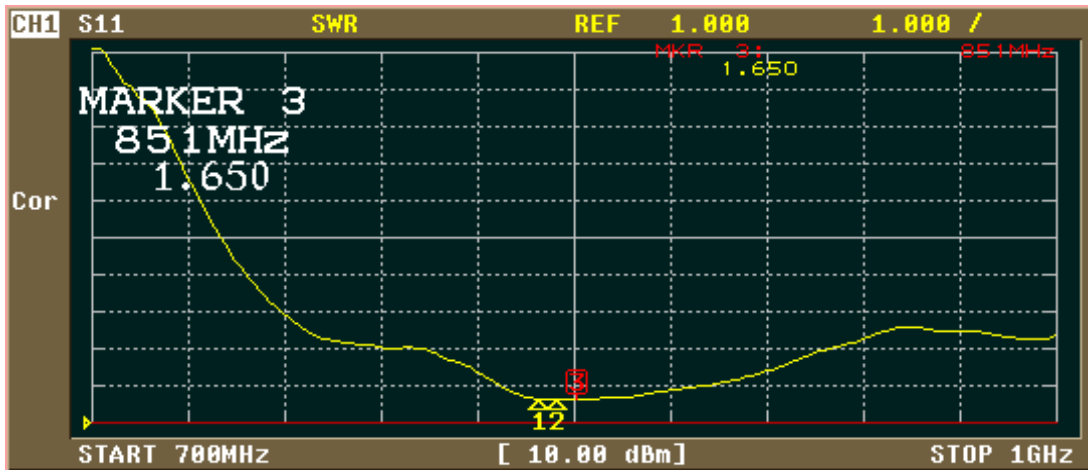
2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Connector Type	N(M)
Antenna Dimensions	170 mm \pm 3
Antenna Color	ASA-UV-Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7



6					百展科技有限公司		TEL: 886-2-86720160
5					BJTEK NAVIGATION INC		FAX: 886-2-86720161
4					TITLE: 845Mhz Antenna		DWG NO.: TH-845-N(0)
3	ASA Black cap				TOLERANCE: AS SPEC.	FINISH: SEE TABLE	DATE: 2020.07.10
2	ASA Black tube				MATERIAL: SEE TABLE	ISSUED: BILL	DRAWN: ALAN
1	N(M) Connector						CHECKED: LOUIS
ITEM	DESCRIPTION	MAT'L	FINISH	ITEM No.			UNIT: MM





ACTIVATE MARKER

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

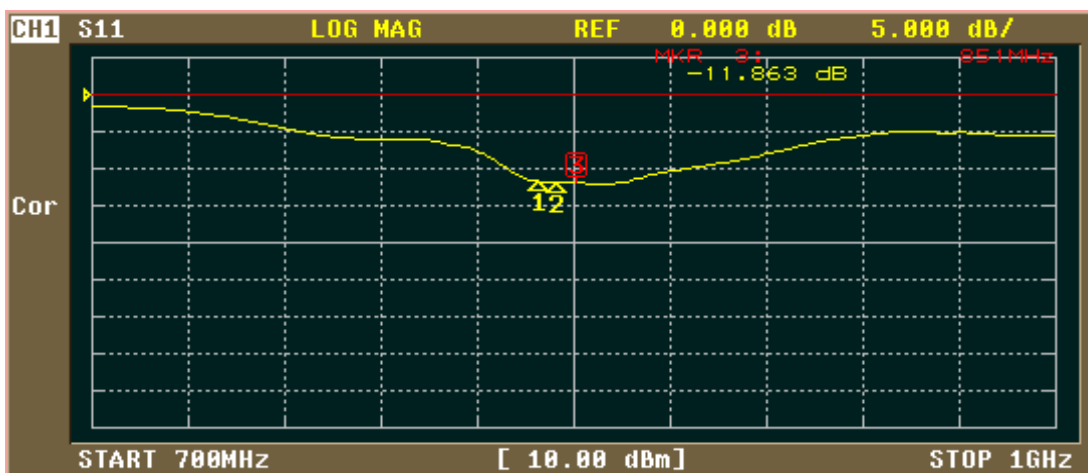
ACTIVATE MKR OFF

Return

More 1/2

CH1 MARKER LIST

1:	839.000MHz	1.643
2:	845.000MHz	1.648
3:	851.000MHz	1.650
4:		
5:		
6:		
7:		
8:		
9:		
10:		



FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

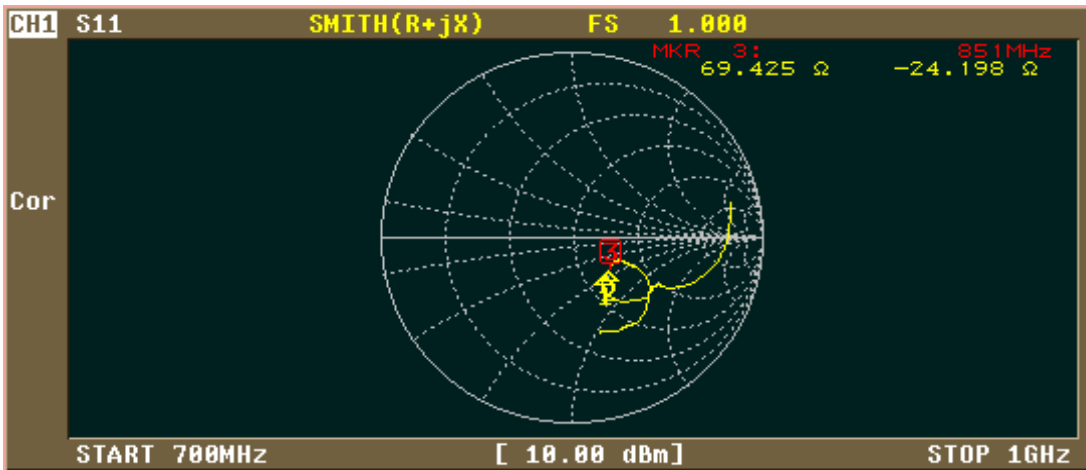
POLAR

LIN MAG

More 1/2

CH1 MARKER LIST

1:	839.000MHz	-11.727 dB
2:	845.000MHz	-11.718 dB
3:	851.000MHz	-11.863 dB
4:		
5:		
6:		
7:		
8:		
9:		
10:		



CH1 MARKER LIST

1:	839.000MHz	64.818 Ω	-26.771 Ω	7.085pF
2:	845.000MHz	68.046 Ω	-25.514 Ω	7.381pF
3:	851.000MHz	69.407 Ω	-24.284 Ω	7.726pF
4:				
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG 1

PHASE 2

DELAY 3

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8